

WHAT IS CLAIMED IS:

1. A nurser liner comprising:

5 a body defining an inner volume, wherein the liner has an oxygen transmission rate into said inner volume of less than about 2.0 cubic centimeters over a 24-hour period.

10 2. The liner of claim 1, wherein said oxygen transmission rate into said inner volume is less than about 1.0 cubic centimeters over a 24-hour period.

15 3. The liner of claim 1, wherein said oxygen transmission rate into said inner volume is less than about 0.284 cubic centimeters over a 24-hour period.

4. The liner of claim 1, wherein said body comprises a material that impedes transmission of UV rays.

20 5. The liner of claim 1, wherein said body comprises a material selected from the group consisting essentially of nylon, ethylene vinyl alcohol, polyester, and any combinations thereof.

25 6. The liner of claim 1, further comprising a closure member being selectively resealable and providing selective access to said inner volume.

30 7. The liner of claim 1, wherein said body comprises a plurality of layers secured to each other, and wherein at least one of said plurality of layers has a different material from another of said plurality of layers.

8. The liner of claim 1, wherein said body comprises a plurality of layers secured to each other, and wherein at least one of said plurality of layers comprises ethylene
5 vinyl acetate.

9. The liner of claim 1, wherein said body comprises a plurality of layers secured to each other, and wherein at least one of said plurality of layers comprises low-density
10 polyethylene.

10. A nurser liner comprising:

a body defining an inner volume, wherein said body has
15 an anti-UV component that reduces transmission of UV rays
into said inner volume.

11. The liner of claim 10, wherein said anti-UV
component is added to said body at about 0.1 wt% to 10 wt%.

20 12. The liner of claim 10, wherein said anti-UV
component is added to said body at about 1.5 wt% to 4 wt%.

13. The liner of claim 10, wherein the liner has an
25 oxygen transmission rate into said inner volume of less than
about 2.0 cubic centimeters over a 24-hour period.

14. The liner of claim 10, wherein said body is made
of a material selected from the group consisting essentially
30 of nylon, ethylene vinyl alcohol, polyester, and any
combinations thereof.

15. The liner of claim 10, further comprising a closure member being selectively resealable and providing selective access to said inner volume.

5 16. The liner of claim 10, wherein said body comprises a plurality of layers secured to each other, at least one of said plurality of layers comprising a different material from another of said plurality of layers.

10 17. The liner of claim 16, wherein said body has first and second panels with the same size and shape, said first and second panels opposing each other and being connected along a periphery to define said inner volume, each of said first and second panels having said plurality of layers.

15 18. The liner of claim 10, wherein said body comprises a plurality of layers secured to each other, and wherein at least one of said plurality of layers comprises ethylene vinyl acetate.

20 19. The liner of claim 10, wherein said body comprises a plurality of layers secured to each other, and wherein at least one of said plurality of layers comprises low-density polyethylene.

25 20. A nurser liner comprising:

30 a body defining an inner volume, wherein said body has a material selected from the group consisting essentially of nylon, ethylene vinyl alcohol, polyester, and any combinations thereof.

21. The liner of claim 20, wherein said body further comprises an anti-UV component that reduces transmission of UV rays into said inner volume.

5 22. The liner of claim 21, wherein said anti-UV component is added to said body at about 0.1 wt% to 10 wt%.

10 23. The liner of claim 20, wherein the liner has an oxygen transmission rate into said inner volume of less than about 2.0 cubic centimeters over a 24-hour period.

24. The liner of claim 20, further comprising a closure member being selectively resealable and providing selective access to said inner volume.

15 25. The liner of claim 20, wherein said body has a plurality of layers secured to each other, at least one of said plurality of layers comprising a different material from another of said plurality of layers.

20 26. The liner of claim 25, wherein said plurality of layers are laminated together.

25 27. The liner of claim 25, wherein said body has first and second panels with the same size and shape, said first and second panels opposing each other and being connected along a periphery to define said inner volume, each of said first and second panels having said plurality of layers..

30 28. The liner of claim 25, wherein said plurality of layers has an outer layer made of a first material, an

intermediate layer made of a second material, and an inner layer made of a third material.

29. The liner of claim 28, wherein at least one of
5 said first material, said second material or said third
material is ethylene vinyl acetate.

30. The liner of claim 28, wherein at least one of
said first material, said second material or said third
10 material is low-density polyethylene.

31. An infant feeding assembly comprising:

a liner having a body defining a first volume; and
15
a holder having an open end and defining a second
volume, wherein said liner is disposed in said second
volume, and wherein said liner has an oxygen transmission
rate into said first volume of less than about 2.0 cubic
20 centimeters over a 24-hour period.

32. The assembly of claim 31, wherein said oxygen
transmission rate into said first volume is less than about
1.0 cubic centimeters over a 24-hour period.

25
33. The assembly of claim 31, wherein said oxygen
transmission rate into said first volume is less than about
0.284 cubic centimeters over a 24-hour period.

30
34. The assembly of claim 31, wherein said body has a
material that impedes transmission of UV rays.

35. The assembly of claim 31, wherein said body is made of a material selected from the group consisting essentially of nylon, ethylene vinyl alcohol, polyester, and any combinations thereof.

5

36. The assembly of claim 31, further comprising a closure member being selectively resealable and providing selective access to said first volume.

10

37. An infant feeding assembly comprising:

a liner having a body defining a first volume; and

15 a holder having an open end and defining a second volume, wherein said liner is disposed in said second volume, and wherein said body comprises an anti-UV component that reduces transmission of UV rays into said first volume.

20 38. The assembly of claim 37, wherein said anti-UV component is added to said body at about 0.1 wt% to 10 wt%.

39. The assembly of claim 37, wherein said anti-UV component is added to said body at about 1.5 wt% to 4 wt%.

25 40. The assembly of claim 37, wherein said liner has an oxygen transmission rate into said first volume of less than about 2.0 cubic centimeters over a 24-hour period.

30 41. The assembly of claim 37, wherein said body is made of a material selected from the group consisting essentially of nylon, ethylene vinyl alcohol, polyester, and any combinations thereof.

42. The assembly of claim 37, further comprising a closure member being selectively resealable and providing selective access to said first volume.

5

43. The assembly of claim 37, wherein said body has a plurality of layers secured to each other, at least one of said plurality of layers comprising a different material from another of said plurality of layers.

10

44. The assembly of claim 43, wherein said plurality of layers are laminated together.

45. An infant feeding assembly comprising:

15

a liner having a body defining a first volume; and

20 a holder having an open end and defining a second volume, wherein said liner is disposed in said second volume, and wherein said body comprises a material selected from the group consisting essentially of nylon, ethylene vinyl alcohol, polyester, and any combinations thereof.

25 46. The assembly of claim 45, wherein said body has an anti-UV component that reduces transmission of UV rays into said first volume.

47. The assembly of claim 46, wherein said anti-UV component is added to said body at about 0.1 wt% to 10 wt%.

30

48. The assembly of claim 45, wherein said liner has an oxygen transmission rate into said first volume of less than about 2.0 cubic centimeters over a 24-hour period.

5 49. The assembly of claim 45, further comprising a closure member being selectively resealable and providing selective access to said first volume.

10 50. The assembly of claim 45, wherein said body has a plurality of layers secured to each other, at least one of said plurality of layers having a different material from another of said plurality of layers.

15 51. The assembly of claim 50, wherein said plurality of layers are laminated together.

20 52. The assembly of claim 50, wherein said body has first and second panels with the same size and shape, said first and second panels opposing each other and being connected along a periphery to define said first volume, each of said first and second panels having said plurality of layers.

25 53. The assembly of claim 50, wherein said plurality of layers has an outer layer made of a first material, an intermediate layer made of a second material, and an inner layer made of a third material.

30 54. The assembly of claim 53, wherein at least one of said first material, said second material or said third material is ethylene vinyl acetate.

55. The assembly of claim 53, wherein at least one of said first material, said second material or said third material is low-density polyethylene.

5 56. A method of storing breast milk comprising:

limiting an oxygen transmission rate into an inner volume of a nurser liner used for storing said breast milk to less than about 2.0 cubic centimeters over a 24-hour time
10 period.

57. The method of claim 56, further comprising limiting said oxygen transmission rate into said inner volume to less than about 1.0 cubic centimeters over a 24-
15 hour period.

58. The method of claim 56, further comprising limiting said oxygen transmission rate into said inner volume to less than about 0.284 cubic centimeters over a 24-
20 hour period.

59. The method of claim 56, wherein the step of limiting said oxygen transmission rate comprises:

25 providing said nurser liner with a substantially air-tight closure member; and

30 forming at least a portion of a body of said nurser liner of a material selected from the group consisting essentially of nylon, ethylene vinyl alcohol, polyester, and any combinations thereof.

60. The method of claim 56, further comprising adding an anti-UV component to said nurser liner to impede transmission of UV rays into said inner volume.

5 61. A method of storing breast milk comprising:

impeding UV ray transmission into an inner volume of a nurser liner used for storing said breast milk.

10 62. The method of claim 61, further comprising adding an anti-UV component to said nurser liner for impeding said UV ray transmission.

15 63. The method of claim 62, wherein said anti-UV component is about 0.1 wt% to 10 wt% of said body.

64. The method of claim 62, wherein said anti-UV component is about 1.5 wt% to 4 wt% of said body.

20

25

30